

# WINDOWS-BASED FLOWCHARTING AND CODE GENERATION SYSTEM

## ABSTRACT OF THE DISCLOSURE

A machine control system (130) includes a computer (132) that generates, edits and displays a continuous multi-block flowchart representing a program and compiles the program from the flowchart to control the operations of a machine (140). The system (130) also includes a debugger (146) for displaying the flowchart in a debugger window (170) for runtime execution control of the program.

PRELIMINARY CLASSIFICATION: xxx/xxx